

AMENDMENTS TO THE CLAIMS

1.-46. (CANCELED)

47. (CURRENTLY AMENDED) A system for monitoring a physiological condition of an individual using a ~~computer~~ communication network, comprising:

5 a central processing unit (A) having access to one or more databases and (B) configured to ~~perform operations according to monitoring application programming, the central processing unit comprising~~ (i) read a template program from the database, programming code configured to (ii) generate a script first program by modifying the template program in response to input data
10 received via the communication network, wherein the first program that collects measurement data relating to the physiological condition of the individual, and (ii) ~~further programming code configured to~~ (iii) assign the script first program to the individual in response to input information received from the
15 communication network and (iv) transmit the first program via the communication network;

a remote processing apparatus remotely located from and in signal communication with the central processing unit via the communication network, wherein the remote processing apparatus is
20 configured to (i) receive the first program from the communication

network, (ii) connect connectable to a measuring device, (iii)
execute the first program to collect receive the measurement data
according to a collect command contained in the script first
program and (ii) connectable to the central processing unit to (iv)
25 transmit the measurement data to the central processing unit via
the communication network according to a transmit command contained
in the script first program; and

a computer remotely located from and in signal
communication with workstation connectable to the central
30 processing unit via the communication network, wherein the computer
is configured to (i) transmit the input data to the central
processing unit via the communication network, (ii) transmit the
input information to the central processing unit via the
communication network, (iii) to receive the measurement data from
35 the central processing unit via the communication network and (iv)
present so that a health care provider may review a report
generated based on the measurement data to a health care provider.

48. (PREVIOUSLY PRESENTED) The system of claim 47,
wherein the physiological condition comprises diabetes, the
measuring device comprises a blood glucose measurement device and
the measurement data comprises blood glucose data.

49. (CURRENTLY AMENDED) The system of claim 47 ~~48~~, wherein ~~(A) the computer is further workstation comprises script entry programming~~ configured to (i) receive the input information from the health care provider and (ii) communicate the input information to the central processing unit ~~and (B) the central processing unit generates and assigns the script program to the individual based on the input information.~~

50. (CANCELED).

51. (CURRENTLY AMENDED) The system of claim 48, wherein ~~the monitoring application programming is configured to instruct~~ (i) the central processing unit is further configured to generate the report based on the blood glucose data and (ii) transmit the report to the computer via the communication network.

52. (CURRENTLY AMENDED) The system of claim 47 ~~48~~, wherein the remote processing apparatus comprises a processor ~~script interpreter~~ configured to execute the ~~script~~ first program.

53. (CURRENTLY AMENDED) The system of claim 47 ~~48~~, wherein the generating and assigning of the ~~script~~ first program comprises appending a unique patient identification code associated with the individual to the ~~script~~ first program.

54. (CURRENTLY AMENDED) The system of claim 47 ~~48~~, wherein (i) ~~the monitoring application programming is configured to instruct~~ the central processing unit is further configured to store the ~~script~~ first program in ~~a~~ the database, (ii) the assignment of the ~~script~~ first program comprises generating a pointer to the ~~script~~ first program related to the individual based on the input information received from the computer and (iii) the pointer is stored in a look-up table associated with the database.

55. (CURRENTLY AMENDED) The system of claim 47, wherein the ~~script~~ first program comprises one or more queries and one or more response choices for the individual.

56. (CURRENTLY AMENDED) The system of claim 55, wherein the remote ~~programming~~ processing apparatus comprises a human interface configured to receive one or more responses from the individual to the queries to be communicated to the central processing unit.

57. (CURRENTLY AMENDED) The system of claim 47 ~~48~~, wherein the remote ~~programming~~ processing apparatus is sufficiently compact to be hand-held and carried by the individual.

58. (CURRENTLY AMENDED) The system of claim 48, wherein the report comprises a graph illustrating several measurements of the blood glucose data.

59. (CURRENTLY AMENDED) A system for monitoring a physiological condition of an individual using a ~~computer~~ communication network, comprising:

5 a central processing unit (A) having access to one or more databases and (B) configured to ~~perform operations according to monitoring application programming, the central processing unit comprising (i) programming code configured to (i) generate a script~~ first program that collects blood glucose data relating to the physiological condition of the individual, (ii) add input data received from the communication network to the first program to adapt the first program to the individual, and (ii) further programming code configured to (iii) assign the script first program to the individual in response to input information received from the communication network and (iv) transmit the first program
10 via the communication network;
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a remote processing apparatus remotely located from and in signal communication with the central processing unit via the communication network, wherein the remote processing apparatus is configured to (i) receive the first program from the communication
20 network, (ii) connect ~~connectable~~ to a measuring device, (iii)

~~execute the first program and to collect~~ receive the blood glucose data according to a collect command in the ~~script~~ first program and ~~(ii) connectable~~ (iv) transmit the blood glucose data to the central processing unit via the communication network; and

25 a computer remotely located from and in signal communication with ~~workstation connectable to~~ the central processing unit via the communication network, wherein the computer is configured to (i) transmit the input data to the central processing unit via the communication network, (ii) transmit the
30 input information to the central processing unit via the communication network, (iii) to receive the blood glucose data from the central processing unit via the communication network and (iv) present so that a health care provider may review a report generated based on the blood glucose data to a health care provider.

60. (PREVIOUSLY PRESENTED) The system of claim 59, wherein the physiological condition comprises diabetes and the measuring device comprises a blood glucose measurement device.

61. (CURRENTLY AMENDED) The system of claim 59 ~~60~~, wherein ~~(i) the computer is further workstation comprises script entry programming~~ configured to (i) enable the health care provider to enter the input information that is communicated and (ii)

5 ~~communicate the input information to the central processing unit~~
~~and (ii) the central processing unit generates and assigns the~~
~~script program to the individual based on the information.~~

62. (CURRENTLY AMENDED) The system of claim 59 ~~60~~,
wherein ~~the monitoring application programming is further~~
~~configured to instruct (i) the central processing unit is further~~
~~configured~~ to generate the report based on the blood glucose data
5 ~~and (ii) transmit the report to the computer via the communication~~
~~network.~~

63.-76. (CANCELED)

77. (CURRENTLY AMENDED) A method of monitoring a
physiological condition of an individual using a ~~computer~~
~~communication network, the computer network comprising a central~~
~~processing unit and a remote processing apparatus, the central~~
5 ~~processing unit having a script program stored therein and the~~
~~remote processing apparatus communicating with a measuring device~~
~~that measures at least one parameter indicative of the~~
~~physiological condition of the individual, the method comprising~~
the steps of:

10 (A) transmitting input data from a computer to a central
processing unit via the communication network, wherein the computer

is remotely located from and in signal communication with the central processing unit via the communication network;

15 (B) transmitting input information from the computer to the central processing unit via the communication network;

 (C) reading a template program from a database into the central processing unit;

20 (D) generating a first program in the central processing unit by modifying the template program in response to the input data;

 (E) assigning storing a script assignment that associates the script first program with to the individual in response to the input information;

25 ~~(B) connecting the central processing unit with the remote processing apparatus;~~

 (F) ~~(C)~~ transferring the script first program from the central processing unit to the a remote processing apparatus via the communication network, wherein the remote processing apparatus is remotely located from and in signal communication with the central processing unit via the communication network;

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 (G) connecting the remote processing apparatus to a measuring device;

 (H) ~~(D)~~ executing the script first program in the remote processing apparatus to collect measurement data from the measuring device; and

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(I) ~~(E)~~ transmitting the measurement data from the remote processing apparatus to the central processing unit via the communication network upon execution of a transmit command of the script program;

40 (J) transmitting the measurement data from the central processing unit to the computer via the communication network; and

(K) presenting a report generated based on the measurement data from the computer to a health care provider.

78. (PREVIOUSLY PRESENTED) The method of claim 77, wherein the physiological condition comprises diabetes, the measuring device comprises a blood glucose measurement device and the measurement data comprises blood glucose data.

79. (CURRENTLY AMENDED) The method of claim 78, further comprising the step of:

generating ~~a~~ the report in the central processing unit based upon the blood glucose data.

80. (CURRENTLY AMENDED) The method of claim 79, further comprising the step of:

transmitting the report to the computer via the communication network ~~a workstation connected with the central processing unit.~~

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81. (CURRENTLY AMENDED) The method of claim 78 ~~80~~, wherein the report comprises a graph illustrating several measurements of the blood glucose data.

82. (CURRENTLY AMENDED) The method of claim 78, further comprising the step of:

collecting the measurement data at the remote processing apparatus from the measuring device according to a collect command
5 of the ~~script~~ first program.

83. (CURRENTLY AMENDED) The method of claim 82, further comprising the step of:

generating a message from the remote processing apparatus prompting the individual to connect the blood glucose measurement
5 device to the remote processing apparatus.

84. (CURRENTLY AMENDED) A method of monitoring a physiological condition of an individual using a ~~computer communication~~ network, ~~the computer network comprising a central processing unit and a remote processing apparatus, the central processing unit having a script program stored therein and the remote processing apparatus communicating with a measuring device that measures at least one parameter indicative of the~~

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~~physiological condition of the individual;~~ the method comprising the steps of:

10 (A) transmitting input data from a computer to a central processing unit via the communication network, wherein the computer is remotely located from and in signal communication with the central processing unit via the communication network;

15 (B) transmitting input information from the computer to the central processing unit via the communication network;

20 (C) adding the input data received from the computer to a first program in the central processing to adapt the first program to the individual, wherein the first program collects blood glucose data relating to the physiological condition of the individual;

 (D) assigning the first program to the individual in response to the input information;

25 (E) transmitting the ~~script~~ first program through a communication link from the central processing unit to the a remote programming processing apparatus via the communication network, wherein the remote processing apparatus is remotely located from and in signal communication with the central processing unit via the communication network;

30 (F) connecting the remote processing apparatus to a measuring device;

~~(B) disconnecting the communication link after the script program has been transmitted;~~

35 (G) (C) executing the first program in the remote processing apparatus to collect ~~collecting measurement~~ the blood glucose data in the remote processing apparatus as received from
the measuring device according to a collect command of the ~~script~~ first program;

40 ~~(D) connecting the communication link between the remote processing apparatus and the central processing unit after the measurement data has been collected; and~~

(H) (E) transmitting the measurement blood glucose data from the remote processing apparatus to the central processing unit through the communication network ~~communications link;~~

45 (I) transmitting the blood glucose data from the central processing unit to the computer via the communication network; and

(J) presenting a report generated based on the blood glucose data from the computer to a health care provider.

85. (CURRENTLY AMENDED) The method of claim 84, wherein the physiological condition comprises diabetes, and the measuring device comprises a blood glucose measurement device ~~and the measurement data comprises blood glucose data.~~

86. (CURRENTLY AMENDED) The method of claim 84 ~~85~~, further ~~further~~ comprising the step of:

generating ~~a~~ the report in the central processing unit based upon the blood glucose data.

87. (CURRENTLY AMENDED) The method of claim 86, further comprising the step of:

transmitting the report from the central processing unit to the computer via the communication network ~~a workstation~~
5 ~~connected with the central processing unit.~~

88. (CURRENTLY AMENDED) The method of claim 84 ~~87~~, wherein the report comprises a graph illustrating several measurements of the blood glucose data.

89. (CURRENTLY AMENDED) The method of claim 85, further comprising the step of:

generating a message from the remote processing apparatus prompting the individual to connect the blood glucose measurement
5 device to the remote processing apparatus.

90. (CURRENTLY AMENDED) The method of claim 85, wherein the transmitting of the blood glucose data from the remote

processing apparatus to the central processing unit is according to a transmit command of the script first program.

91. (CURRENTLY AMENDED) One or more processor readable non-transitory storage devices having processor readable code embodied thereon, the processor readable code being configured to program one or more processors to perform a method of monitoring a physiological condition of an individual using a computer communication network, ~~the computer network comprising a central processing unit and a remote processing apparatus, the central processing unit having access to a script program stored therein and the remote processing apparatus communicating with a measuring device that measures at least one parameter indicative of the physiological condition of the individual, the method comprising the steps of:~~

(A) transmitting input data from a computer to a central processing unit via the communication network, wherein the computer is remotely located from and in signal communication with the central processing unit via the communication network;

(B) transmitting input information from the computer to the central processing unit via the communication network;

(C) reading a template program from a database into the central processing unit;

(D) generating a first program in the central processing unit by modifying the template program in response to the input data;

25 (E) ~~assigning~~ storing a script assignment that associates the script first program with to the individual in response to the input information;

~~(B) connecting the central processing unit with the remote apparatus;~~

30 (F) ~~(C)~~ transmitting the script first program from the central processing unit to ~~the~~ a remote processing apparatus via the communication network, wherein the remote processing apparatus is remotely located from and in signal communication with the central processing unit via the communication network;

35 (G) connecting the remote processing apparatus to measuring device;

(H) ~~(D)~~ executing the ~~script~~ first program in the remote processing apparatus to collect measurement data from the measuring device; and

40 (I) ~~(E)~~ transmitting the measurement data from the remote processing apparatus to the central processing unit via the communication network ~~upon execution of a transmit command of the script program;~~

(J) transmitting the measurement data from the central processing unit to the computer via the communication network; and

45 (K) presenting a report generated based on the
measurement data from the computer to a health care provider.

 92. (CURRENTLY AMENDED) The processor readable non-
transitory storage devices of claim 91, wherein the physiological
condition comprises diabetes, the measuring device comprises a
blood glucose measurement device and the measurement data comprises
5 blood glucose data.

 93. (CURRENTLY AMENDED) The processor readable non-
transitory storage devices of claim 92, the method further
comprising the step of:

 generating ~~a~~ the report in the central processing unit
5 based upon the blood glucose data.

 94. (CURRENTLY AMENDED) The processor readable non-
transitory storage devices of claim 93, the method further
comprising the step of:

 transmitting the report to the computer via the
5 communication network ~~a workstation connected with the central~~
~~processing unit.~~

 95. (CURRENTLY AMENDED) The processor readable non-
transitory storage devices of claim 92 ~~94~~, wherein the report

comprises a graph illustrating several measurements of the blood glucose data.

96. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 92, the method further comprising the step of:

collecting the blood glucose data in the remote
5 processing apparatus as received from the measuring device according to a collect command of the ~~script~~ first program.

97. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 92 96, the method further comprising the step of:

generating a message prompting the individual to connect
5 the blood glucose measurement device to the remote processing apparatus.

98. (CURRENTLY AMENDED) One or more processor readable non-transitory storage devices having processor readable code embodied thereon, the processor readable code configured to program one or more processors to perform a method of monitoring a
5 physiological condition of an individual using a computer communication network, ~~the computer network comprising a central processing unit and a remote processing apparatus, the central~~

~~processing unit having access to a script program stored in the
processor readable storage devices and the remote processing
apparatus communicating with a measuring device that measures at
least one parameter indicative of the physiological condition of
the individual, the method comprising the steps of:~~

(A) transmitting input data from a computer to a central
processing unit via the communication network, wherein the computer
is remotely located from and in signal communication with the
central processing unit via the communication network;

(B) transmitting input information from the computer to
the central processing unit via the communication network;

(C) adding the input data received from the computer to
a first program in the central processing to adapt the first
program to the individual, wherein the first program collects blood
glucose data relating to the physiological condition of the
individual;

(D) assigning the first program to the individual in
response to the input information;

(E) transmitting the script first program through a
~~communication link~~ from the central processing unit to the a remote
~~programming~~ processing apparatus via the communication network,
wherein the remote processing apparatus is remotely located from
and in signal communication with the central processing unit via
the communication network;

(F) connecting the remote processing apparatus to a measuring device;

~~(B) disconnecting the communication link after the script program has been transmitted;~~

(G) ~~(C)~~ executing the first program in the remote processing apparatus to collect ~~collecting measurement~~ the blood glucose data at the remote processing apparatus from the measuring device according to a collect command of the ~~script~~ first program;

~~(D) connecting the communication link between the remote processing apparatus and the central processing unit after the measurement data has been collected; and~~

(H) ~~(E)~~ transmitting the measurement blood glucose data from the remote processing apparatus to the central processing unit through the communication network link;

(I) transmitting the blood glucose data from the central processing unit to the computer via the communication network; and

(J) presenting a report generated based on the blood glucose data from the computer to a health care provider.

99. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 98, wherein the physiological condition comprises diabetes; and the measuring device comprises a blood glucose measurement device ~~and the measuring device measurement data comprises blood glucose data.~~

100. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 98 99, wherein the method further comprises the step of:

generating ~~a~~ the report in the central processing unit
5 based upon the blood glucose data.

101. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 100, wherein the method further comprises the step of:

transmitting the report to the computer via the
5 communication network ~~a workstation connected with the central processing unit.~~

102. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 98 ~~101~~, wherein the report comprises a graph illustrating several measurements of the blood glucose data.

103. (CURRENTLY AMENDED) The one or more processor readable non-transitory storage devices of claim 98 99, wherein the method further comprises the step of:

generating a message prompting the individual to connect
5 the measuring device to the remote processing apparatus.

104. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 98 99, wherein the transmitting of the measurement data from the remote processing apparatus to the central processing unit is according to a transmit command of the ~~script~~ first program.

105. (PREVIOUSLY PRESENTED) The system of claim 47, wherein the remote processing apparatus is further configured to intermittently establish a communication link with the central processing unit and (ii) disconnect the communication link after a period of time after each establishment.

106. (PREVIOUSLY PRESENTED) The system of claim 59, wherein the remote processing apparatus is further configured to intermittently establish a communication link with the central processing unit and (ii) disconnect the communication link after a period of time after each establishment.

107. (PREVIOUSLY PRESENTED) The method of claim 77, further comprising the steps of:

establishing a communication link between the central processing unit and the remote processing apparatus intermittently;
and

disconnecting the communication link after a period of time after each establishment.

108. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 91, wherein the method further comprises the steps of:

5 establishing a communication link between the central processing unit and the remote processing apparatus intermittently; and

disconnecting the communication link after a period of time after each establishment.

109. (CURRENTLY AMENDED) The method of claim 84, wherein (i) ~~the~~ a communication link between the central processing unit and the remote processing apparatus is established intermittently and (ii) disconnected a period of time after each establishment.

110. (CURRENTLY AMENDED) The processor readable non-transitory storage devices of claim 98, wherein (i) ~~the~~ a communication link between the central processing unit and the remote processing apparatus is established intermittently and (ii)
5 disconnected a period of time after each establishment.